

In the claims:

Please cancel claims 1-4 without prejudice and without disclaimer.

Please amend the claims as follows:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Original) A substantially isolated protein having the kinase activity of the protein shown in SEQ ID NO:2 or SEQ ID NO:4, which is encoded by a nucleotide sequence that hybridizes to SEQ ID NO:1 or SEQ ID NO:3 under highly stringent conditions.

6. (New) An isolated protein comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:4.

7. (New) An antibody that specifically recognizes a protein comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:4.